

Fig. 1

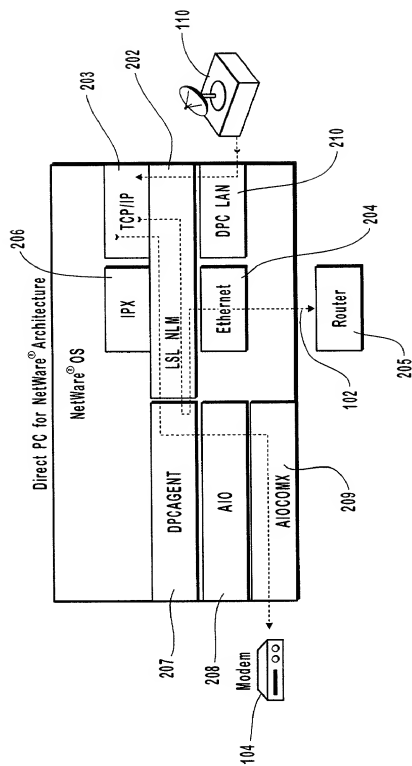


Fig. 2

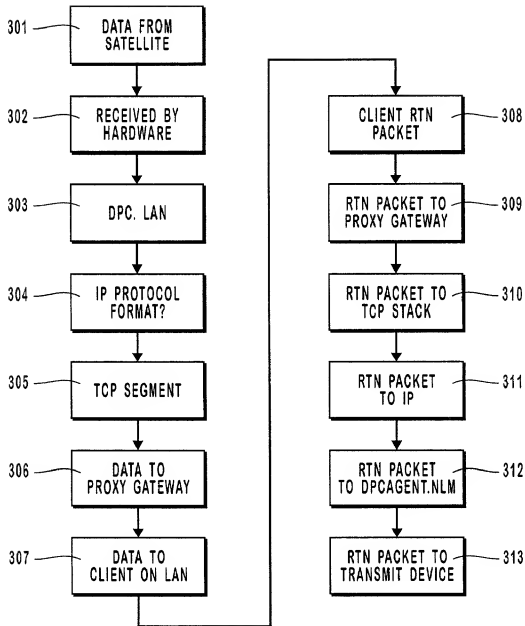


Fig. 3

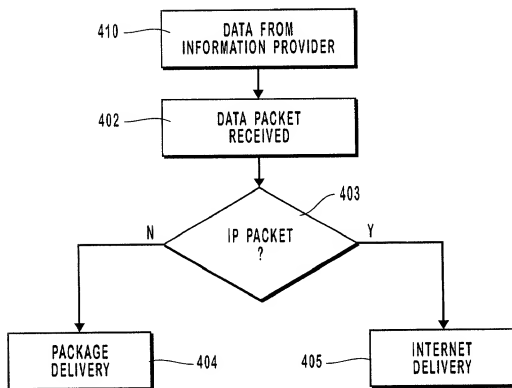


Fig. 4

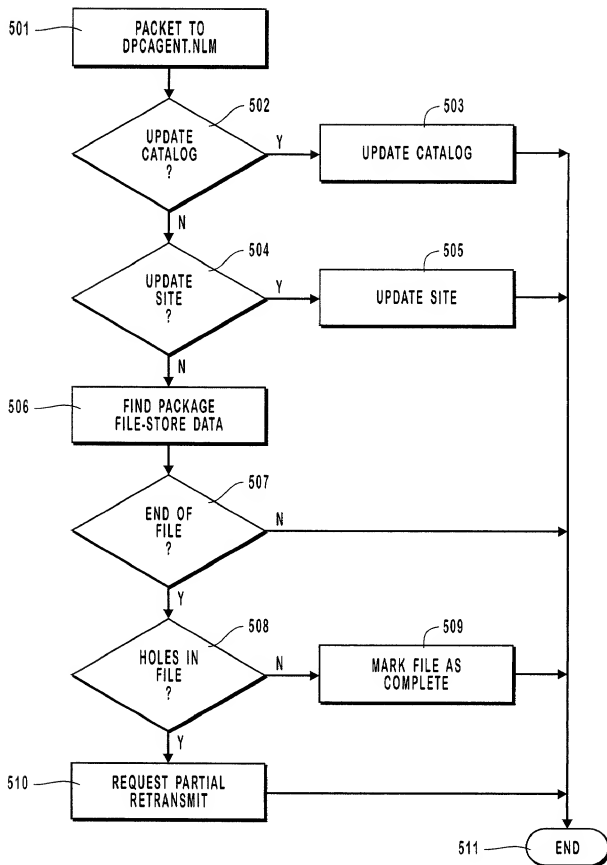


Fig. 5

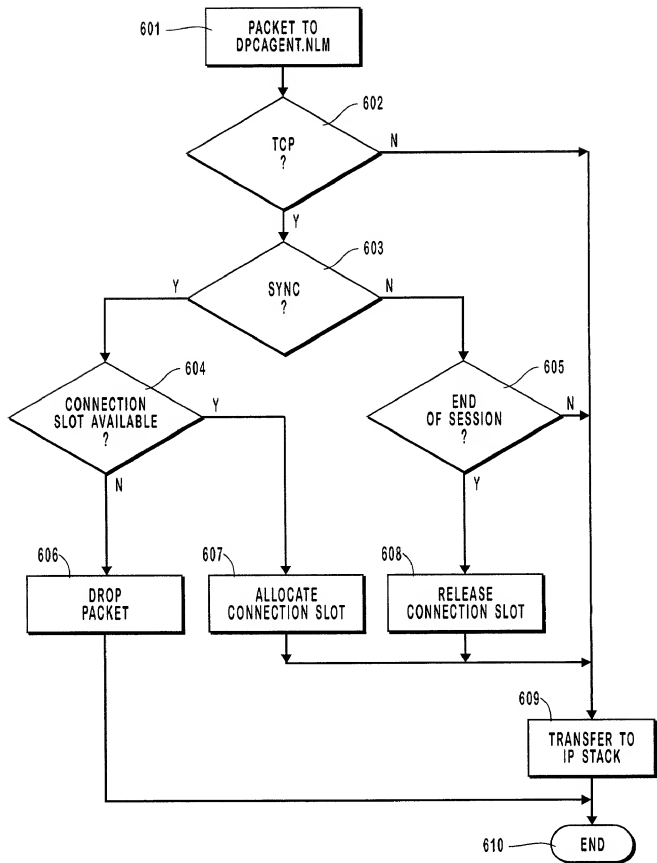


Fig. 6

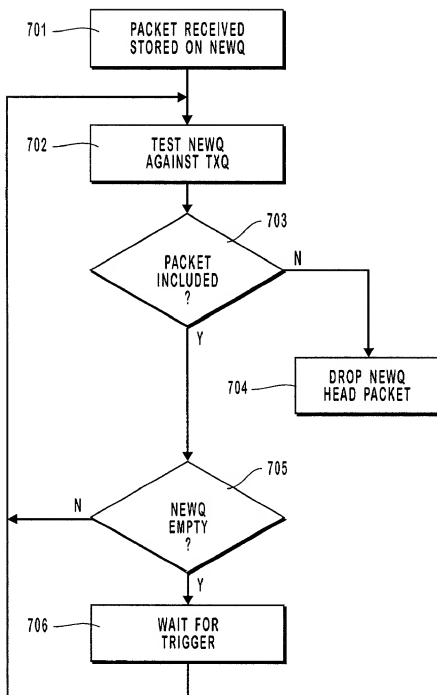


Fig. 7

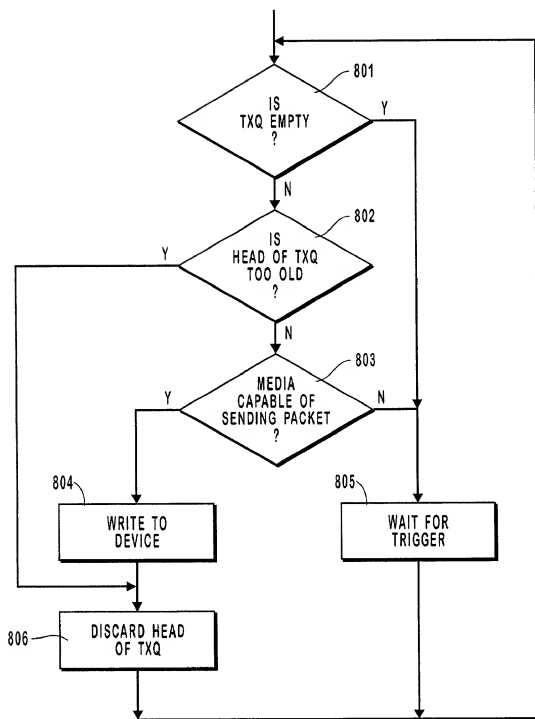
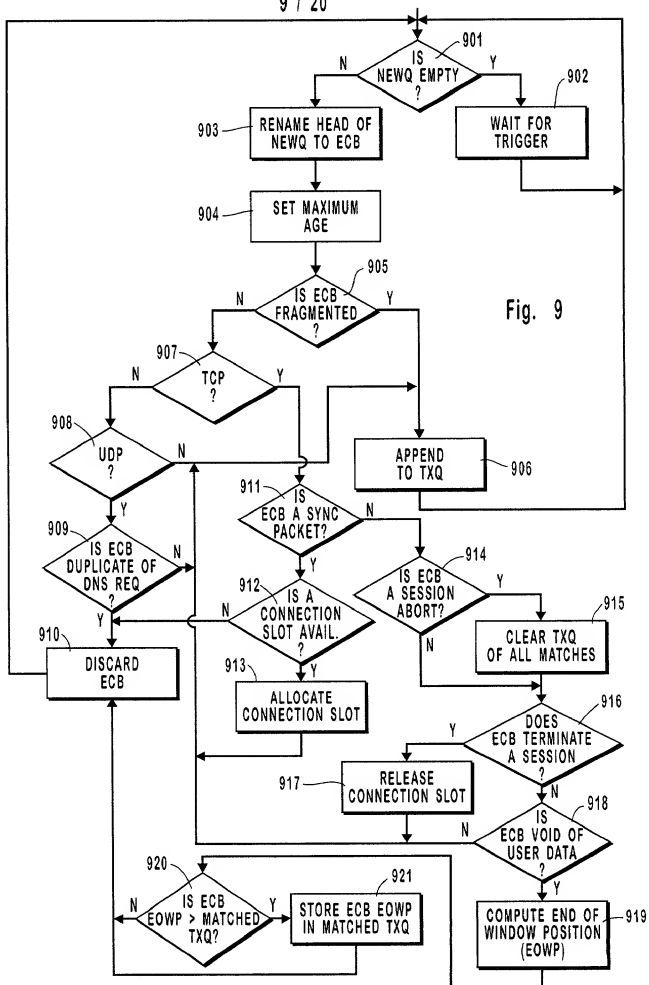


Fig. 8



DPC AGENT PROGRAM 1.50

DPCAGENT Options

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECTPC	AVI	Marilyn Avi
DIRECTPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

DPC AGENT PROGRAM 1.50

DPCAGENT Options

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn avi 52% 1755510/3374352

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC Win3x Sports Ticker 16 Bit App for Win 3.1			
HELIUS	HELIUSDV	Helius 38MB File	
HELIUS	HELIUSDV	Helius Costly File	
HELIUS	HELIUSDV	Helius Test HIGH priority	
CONFIRM DIRECPC	AVI	Marilyn Avi	

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-2

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn Avi

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel
 Modem Status: Dialing Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter>

Fig. 10c-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn Avi

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel
 Modem Status: Disconnecting from Package Delivery Tx ☐ Rx ☐ Cd ☐
 Package Status: marilyn.avi 20% 688512/3374352
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10c-2

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Version 1.20

Node Address: 80AE000001

Protocols:

ARP

IP

Generic statistics

Total packets sent:	1
Total packets received:	0
No ECB available count:	0
Send packet too big count:	0
Reserved:	Not Supported
Receive packet overflow count:	0
Receive packet too big count:	0
Receive packet too small count:	Not Supported
Send packet miscellaneous errors:	0
Receive packet miscellaneous errors:	0

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-1

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Send abort from excessive deferral 0

Receive abort from bad frame alignment 0

Custom statistics

Signal Quality	235
Rx Frequency	13,300
Largest Received IP Frame	0
Number of Receive IP Frames over 400	0
Ave size of Receive IP frames over 400	0
Mips Rx enable commands	0
Mips Rx disable commands	0
Mips frames accepted	6,962
Mips frames rejected from no filter match	1,489,475
Mips frames rejected from zero address	0
Mips frames rejected from adapter disabled	0
Mips frames rejected from low buffer pool	3,611,966

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-2

DPC AGENT PROGRAM 1.50

DPC Configuration

Modem Configuration

Package Delivery Configuration

Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

DPC AGENT PROGRAM 1.50

Modem Configuration Editor

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

DPC AGENT PROGRAM 1.50

Package Delivery Configuration Editor

Package Phone	= 1-800-825-3954
Package Baud	= 9600
Package Inactivity(sec)	= 10
Max Database Entries	= 1024

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP	
Internet Phone	= 343-2720
Internet Baud	= 57600
Internet MTU	= 1500
Internet Inactivity(sec)	= 180
IP Address(ISP)	= 153.35.210.185
Hybrid gateway Address	= 206.71.99.5
Auto Login Enabled	= No
Modify Auto login Script	
Modify PPP Configuration	

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-2

DPC AGENT PROGRAM 1.50	
Login Script Editor	
Wait1:	Wait Timeout 1= 10
Send1:	
Wait2:	Wait Timeout 2= 5
Send2:	
Wait3:	Wait Timeout 3= 5
Send3:	
Wait4:	Wait Timeout 4= 5
Send4:	
Wait5:	Wait Timeout 5= 5
Send5:	
Wait6:	Wait Timeout 6= 5
Send6:	
Wait7:	Wait Timeout 7= 5
Send7:	
Wait8:	Wait Timeout 8= 5
Send8:	
Wait9:	Wait Timeout 9= 5
Send9:	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
PPP Configuration Editor	
Authentication User Name:	
Authentication Password :	
Maximum Receive Unit : 1400	
Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-2

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

Internet Phone =
 Internet Baud =
 Internet MTU =
 Internet Inactivity(sec) =
 IP Address(ISP) =
 Hybrid gateway Address =

Outbound Protocol

Modem - SLIP
 Modem - PPP
 LAN/WAN

Auto Login Enabled = No
 Modify Auto login Script
 Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = LAN/WAN

Network Route Configuration Editor

Interface: 2
 Router Mac Address: 00-00-0c-4a-55-f4

Auto Login Enabled = No
 Modify Auto Login Script
 Modify Network Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

DPC AGENT PROGRAM 1.50

Dish Pointing
Antenna Pointing Calculations
Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

DPC AGENT PROGRAM 1.50

Antenna Pointing Calculations		
Country = USA	Region = Utah	
City = Orem	Service = Hughes	
	Satellite = Galaxy 4	
Satellite Longitude = 99	Hemisphere = West	
Satellite Polarization = Horz	Frequency = 1330	
Ground Longitude degrees = 111	minutes = 42	Hemisphere=West
Ground Latitude degrees = 40	minutes = 19	Hemisphere=North
COMPUTE NOW		
Elevation = 41.608868		
True Azimuth 160.800003		
Magnetic Azimuth 147.300003		
Polarization -14.500000		

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

DPC AGENT PROGRAM 1.50

Satellite Dish Signal Strength Meter

0% 100%

Frequency = 1330

Average SQF = 130

Signal Quality = 130 (87%) (Signal Locked)

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10j-1

DPC AGENT PROGRAM 1.50

DPC Adapter Information

Serial Number = 011466

Site ID = DP000104

Have Keys Status = TRUE

Number of Communities = 6

Communities:

00000103	00000102	00013000	00019100
00019100	0001DE00		

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10j-2

DPC AGENT PROGRAM 1.50	
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"><div style="border: 1px solid black; padding: 2px; text-align: center;">Modem Control Options</div><div style="border: 1px solid black; padding: 5px; margin-top: 5px;"><div style="border: 1px solid black; padding: 2px; text-align: center;">Disconnect the Modem</div><div style="margin-left: 20px;">Dial the Internet</div><div style="margin-left: 20px;">Dial the Package Delivery</div><div style="margin-left: 20px;">Send to the Modem</div></div></div>	
<div style="display: flex; justify-content: space-between;"><div>Modem Status: IDLE Package Status: IDLE Select an Option <Enter></div><div>Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/></div></div>	

Fig. 10k